

HONORARY LIFE FELLOW OF ISCB-2012

Prof. Michael D. Threadgill MA PhD DSc FRSC CChem



Personal information

Full name: Michael David THREADGILL
Date of Birth: 4 March 1952
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Employment

November 2008 – present Professor in Medicinal Chemistry
Head of Medicinal Chemistry
Department of Pharmacy & Pharmacology, University of Bath

March 2000 – October 2008 Reader in Medicinal Chemistry
Department of Pharmacy & Pharmacology, University of Bath

September 1993 – February 2000 Senior Lecturer in Medicinal Chemistry
Department of Pharmacy & Pharmacology, University of Bath

February 1990 – August 1993 Lecturer in Medicinal Chemistry
Department of Pharmacy & Pharmacology, University of
Didcot, Oxfordshire

Membership of professional societies

Fellow of the Royal Society of Chemistry (FRSC, CChem) since April 1994; International Society for Heterocyclic Chemistry; Association for Radiation Research; Society for Medicines Research; British Association for Cancer Research.

Other professional activities

External Examiner for the MPharm degree programmes, University of Bradford (2008 – 2012).

Member of the Editorial Advisory Boards for *Mini Reviews in Organic Chemistry*, *Annales Academiae Medicae Silesiensis*, *Future Medicinal Chemistry*, *Chemistry & Biology Interface* and *Current Radiopharmaceuticals*.

Member of the Scientific Advisory Committee of Yorkshire Cancer Research (YCR; 2009 – 2013);
Member of the Scientific Advisory Committee of the Association for International Cancer Research (AICR; 2005 – 2009).

UK Vice-President of the Groupement des Pharmacochimistes de l'Arc Atlantique (GP2A).

Supervision and support for postgraduate research students

29 Students supervised to completion and award of PhD; 1 student supervised to completion and award of MPhil.

University Ombudsman for Postgraduate Research Students for the University of Bath (since 2003).

Publications

130 Full papers in peer-reviewed scientific journals; 9 reviews in peer-reviewed scientific journals; 2 patents.

Current research interests and group

Medicinal chemistry applied to problems in cancer and other diseases. Design, synthesis and evaluation of inhibitors of enzymes: sirtuins, poly(ADP-ribose)polymerases (PARPs), tankyrases, dihydrofolate reductase of *M. tuberculosis*. Polymeric prodrug systems for selective delivery to prostate tumours.

Inhibition of tankyrases: One postdoctoral researcher and two PhD students (funded by AICR and University of Bath)

Inhibition of DHFR of M. tuberculosis: One PhD student (funded by Saudi Government)

Polymeric prodrugs: One PhD student (funded by Prostate Cancer Charity).